

Vermont Cooperative Soil Survey Available Products and Information March 2002

The soils information listed below is available from the Vermont Cooperative Soil Survey Program. Instructions on how to obtain information is included.

Soil Mapping

Soil mapping has been completed for Addison, Bennington, Chittenden, Franklin, Grand Isle, Lamoille, Orange, Orleans, Rutland, Washington, Windham and Windsor Counties. Soil mapping activities are ongoing in Caledonia and Essex Counties. The scheduled completion dates for the remaining surveys are: Caledonia County - 2004, and Essex County - 2009.

Published Soil Survey Reports

Published soil surveys are available for Chittenden, Franklin, Lamoille, Orange, Rutland, and Windham Counties. The published soil surveys are out of print and not available for Addison and Grand Isle Counties.

There is a large backlog of soil surveys nationwide awaiting publication at the Government Printing Office (GPO). NRCS has been working on improving and speeding up the soil survey publication program. Bennington, Washington, and Windsor Counties will be published as the backlog is eliminated.

NRCS in Vermont will continue to work with the Natural Resource Conservation Districts to produce interim soil survey reports to meet our customers needs until the GPO soil survey is published. Interim soil survey reports are available for Bennington, Caledonia, Washington, and Windsor Counties. The Conservation Districts charge a fee for these reports.

Digital Soil Surveys

Digital soil surveys are available for Addison, Bennington, Chittenden, Franklin, Grand Isle, Lamoille, Orange, Rutland, Washington, Windham and Windsor Counties. The Chittenden and Grand Isle County soil surveys have not been thoroughly checked and data quality is uncertain. Windsor County data is in the process of being certified. A CD of Vermont Soil Data for these 11 counties is available through the Vermont Center for Geographic Information (VCGI). These surveys are available with Vermont orthophotos as the base map.

Digital soil surveys are also available in the Soil Survey Geographic database (SSURGO) format, which is in UTM projection with USGS 7.5 minute quadrangles used as the base map, for the following counties: Addison, Bennington, Franklin, Lamoille, Orange, Rutland, Washington, and Windham. Windsor County should be available sometime in 2002. SSURGO data is available from the National Cartography and Geospatial Center in Fort Worth, Texas.

Soil Survey Digital Attribute Databases

Soil characteristics and interpretations are available in a database for all counties in Vermont as part of the digital soil surveys. This information can be obtained from the Vermont Center for Geographic Information at 802-656-4277. Questions about these databases should be directed to Martha Stuart, Soil Database Specialist, in White River Junction, VT, 05001, at 802-295-7942, ext. 28.

General Soil Maps

General soil maps are available for most counties in Vermont. A digital state general soil map (STATSGO) is available from the National Cartography and Geospatial Center or from the Vermont Center For Geographic Information. The map scale of STATSGO is 1:250,000. An updated version of the Vermont STATSGO map will be available sometime in 2002.

How to Obtain Information

The location, addresses and telephone numbers of the NRCS state office and field offices are attached. To obtain local soil survey information, contact the office that serves the county of interest. The state office in Colchester has copies of published soil surveys and access to the databases listed above.

To obtain digital soil survey information, contact the National Cartography and Geospatial Center at 817-509-3400 or the Vermont Center for Geographic Information at 802-656-4277. Questions about the digital soil surveys should be directed to Caroline Alves, GIS Specialist, in Williston, VT at 802-879-4785, ext. 23 (currently on academic leave) or Bob Long, Soil Survey Project Leader, in Newport, VT at 802-334-6090.

Downloading Electronic Data

Vermont Soil Survey Data

Some soil survey information for Vermont is available on the Internet. Log on to the VT NRCS home page at <http://www.vt.nrcs.usda.gov> and click on "Soil Survey Information". The site will be expanded over the next few years.

NRCS Data Clearing House http://www.nrcs.usda.gov/nsdi_node.html

This site is linked to information about Base Maps, Map Library, National Resources Inventory, Plants, Soils, Status Maps, Water and Climate, Watershed Boundaries, and Geospatial Data Clearing Houses.

NRCS Data Resources http://www.ftw.nrcs.usda.gov/soils_data.html

This site is linked to the Map Unit Interpretation Database (MUIR), National Soil Survey Lab Data, the National Soil Data Access Facility, NASIS, the National Soil Survey Handbook, Official Soil Series Descriptions, Soil Classification Database, SSURGO data, the Soil Survey Manual, and STATSGO data.

NRCS National Soil Survey Center <http://www.statlab.iastate.edu/soils/nssc/>

This is the home page for the National Soil Survey Center which provides technical leadership and coordination for the soil survey program in NRCS. Click on either "Soils Information and Data" or "Standards of Soil Survey".

Vermont Center For Geographic Information <http://geo-vt.uvm.edu/>

This site has access to digital soil surveys and other geospatial data.

Other Web sites of interest

NRCS <http://www.nrcs.usda.gov>

This is the home page for the Natural Resources Conservation Service.

NRCS Soil Survey Division <http://www.statlab.iastate.edu/soils/soildiv/>

This is the home page for the Soil Survey Division which oversees soil survey activities in NRCS.

NRCS Vermont Office Locations

STATE OFFICE

356 Mountain View Drive, Suite 105
Colchester, VT 05446

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FAX: 802/951-6327

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FIELD OFFICES

BENNINGTON - Bennington County

C/O Bennington County NRCD
310 Main St.
P.O. Box 505
Bennington, VT 05201

Telephone: 802/442-2275

FAX: 802/447-1934

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BERLIN - Washington and Orange County

617 Comstock Road, Suite 1
Berlin, VT 05602-8927

Telephone: 802/828-4493

FAX: 802/223-6163

Bruce P. Chapell Resource Conservationist
Bruce.Chapell@vt.usda.gov

Ext: 104

Orange County (and White River NRCD in Windsor County)

Daniel S. Koloski Soil Conservationist
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Ext. 100

BRATTLEBORO - Windham County

28 Vernon Street, #2
Brattleboro, VT 05302-8605

Telephone: 802/254-9766

FAX: 802/254-3307

Drew Adam District Conservationist

Ext: 101

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MIDDLEBURY - Addison County

68 Catamount Park, Suite B
Middlebury, VT 05753

Telephone: 802/388-6748

FAX: 802/388-3709

Keith D. Hartline District Conservationist
Keith.Hartline@vt.usda.gov

Ext: 27

MORRISVILLE - Lamoille County

109 Professional Drive, Suite 2
Morrisville, VT 05661

Telephone: 802/888-4935

FAX: 802/888-8901

Charles T. Mitchell District Conservationist
Charles.Mitchell@vt.usda.gov

Ext: 12

NEWPORT - Orleans County

59 Waterfront Plaza, Suite 12
Newport, VT 05855-4877

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ST. ALBANS - Franklin and Grand Isle Ctys.

Telephone: 802/524-6505

David K. Hoyt District Conservationist Ext: 122 Dave.Hoyt@vt.usda.gov

ST. JOHNSBURY - Caledonia and Essex Ctys.

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WHITE RIVER JUNCTION - most of Windsor Cty

Telephone: 802/295-7942

Windsor County-Ottauquechee NRCD

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WILLISTON - Chittenden County

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